

1/20

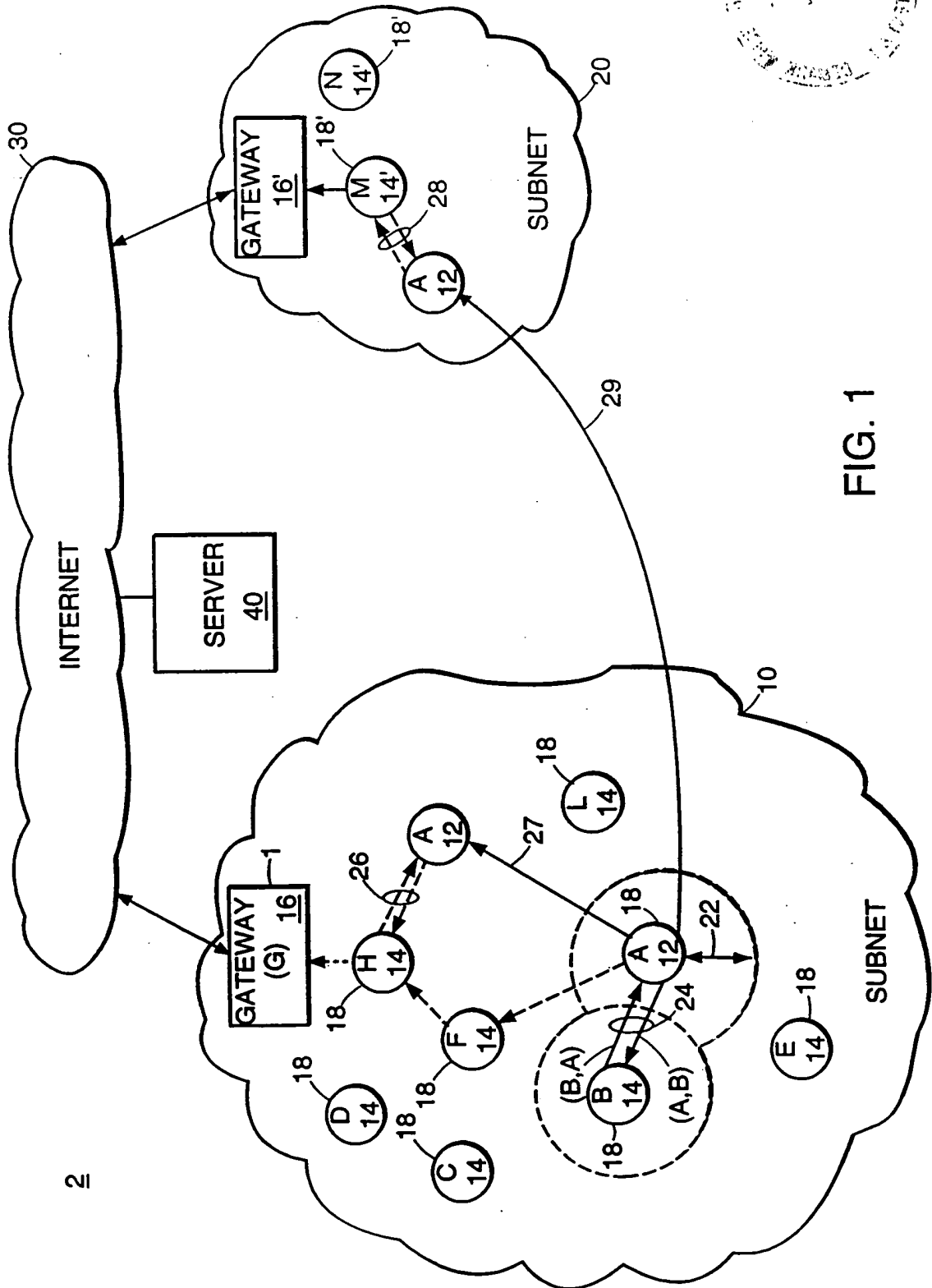


FIG. 1

2/20



50

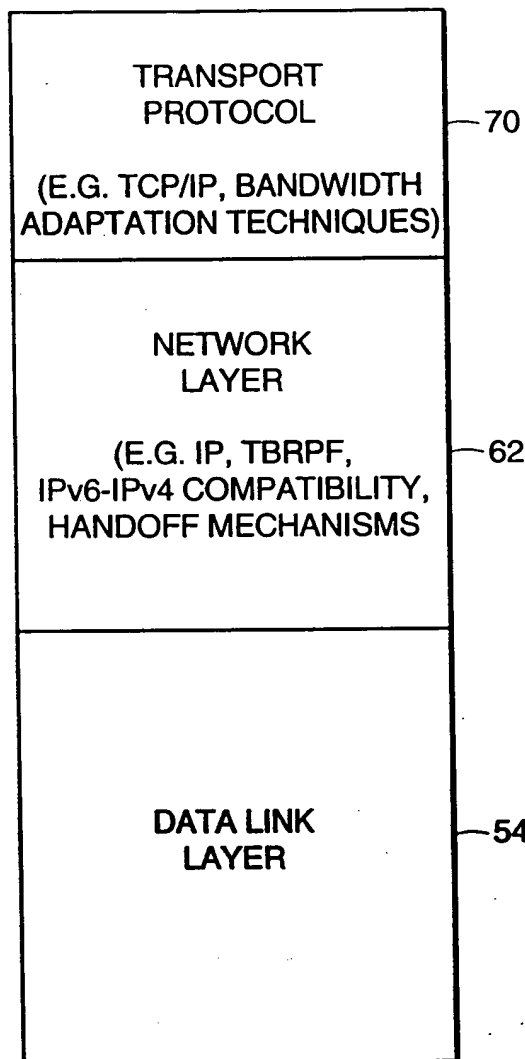


FIG. 2

09728192

3/20

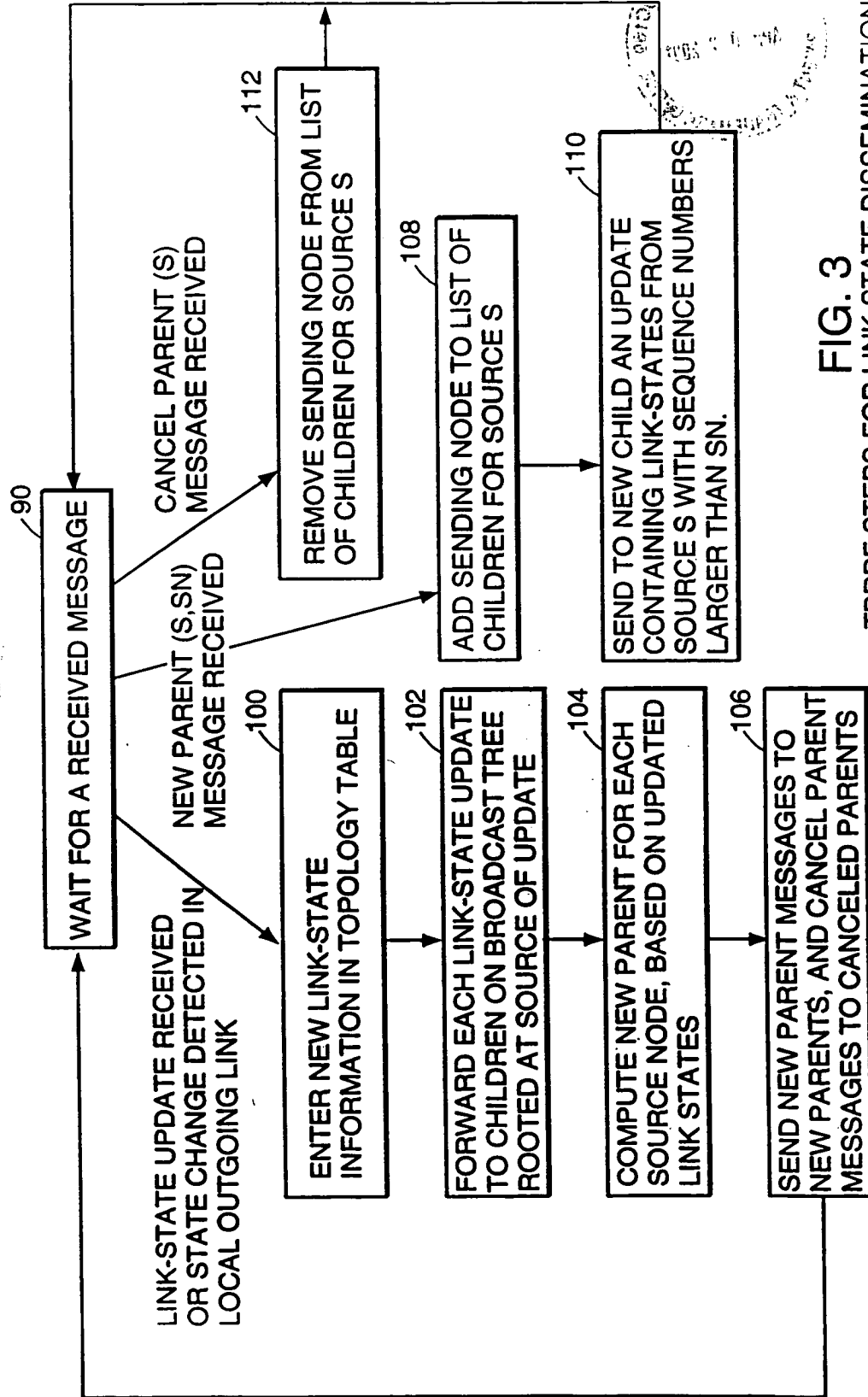


FIG. 3
 TBPRF STEPS FOR LINK-STATE DISSEMINATION
 (NOT INCLUDING NEIGHBOR DISCOVERY)



120

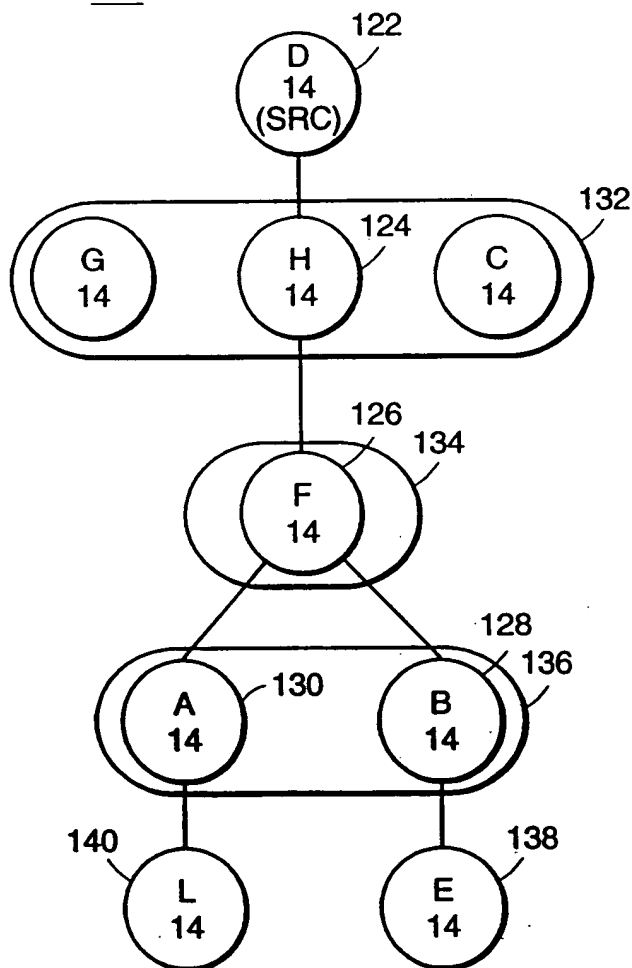


FIG. 4

FIG. 4

FIG. 5

5/20

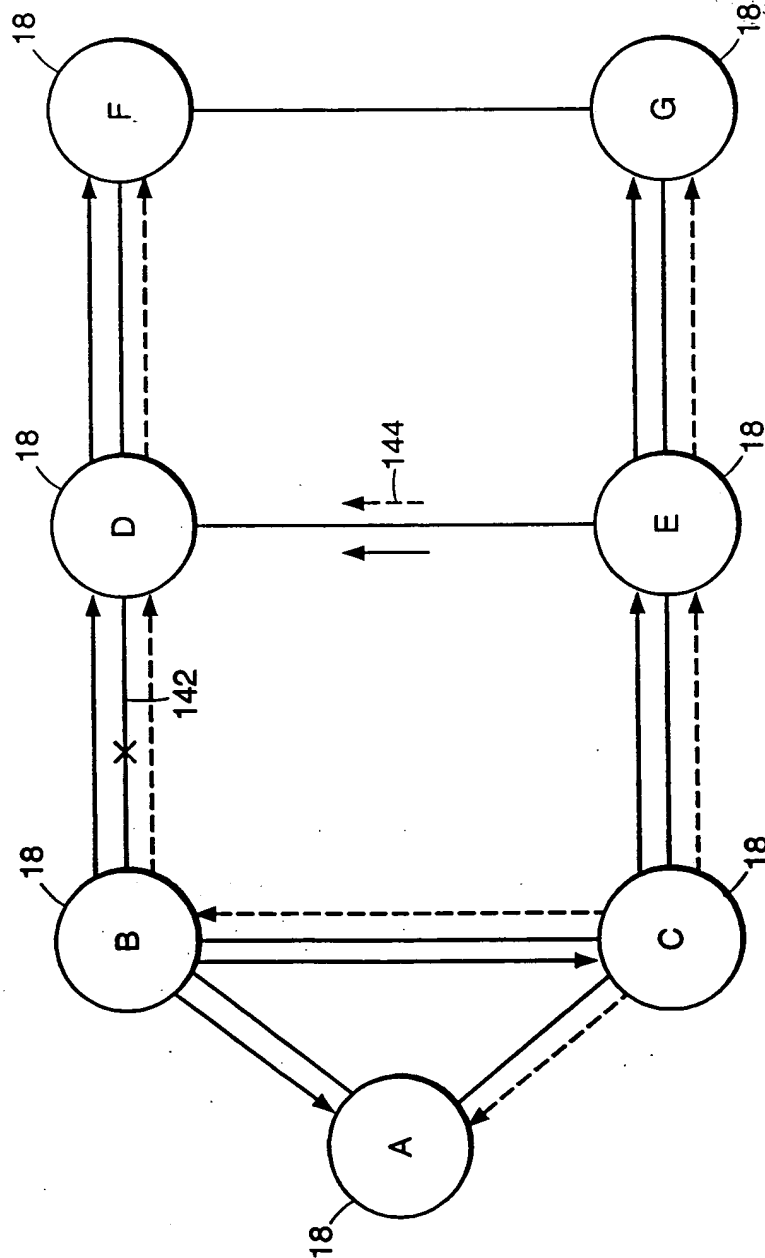
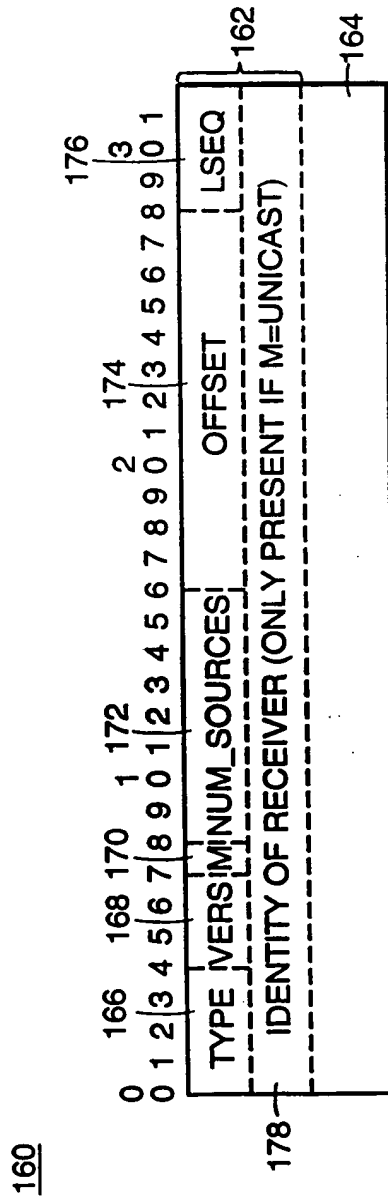


FIG. 5

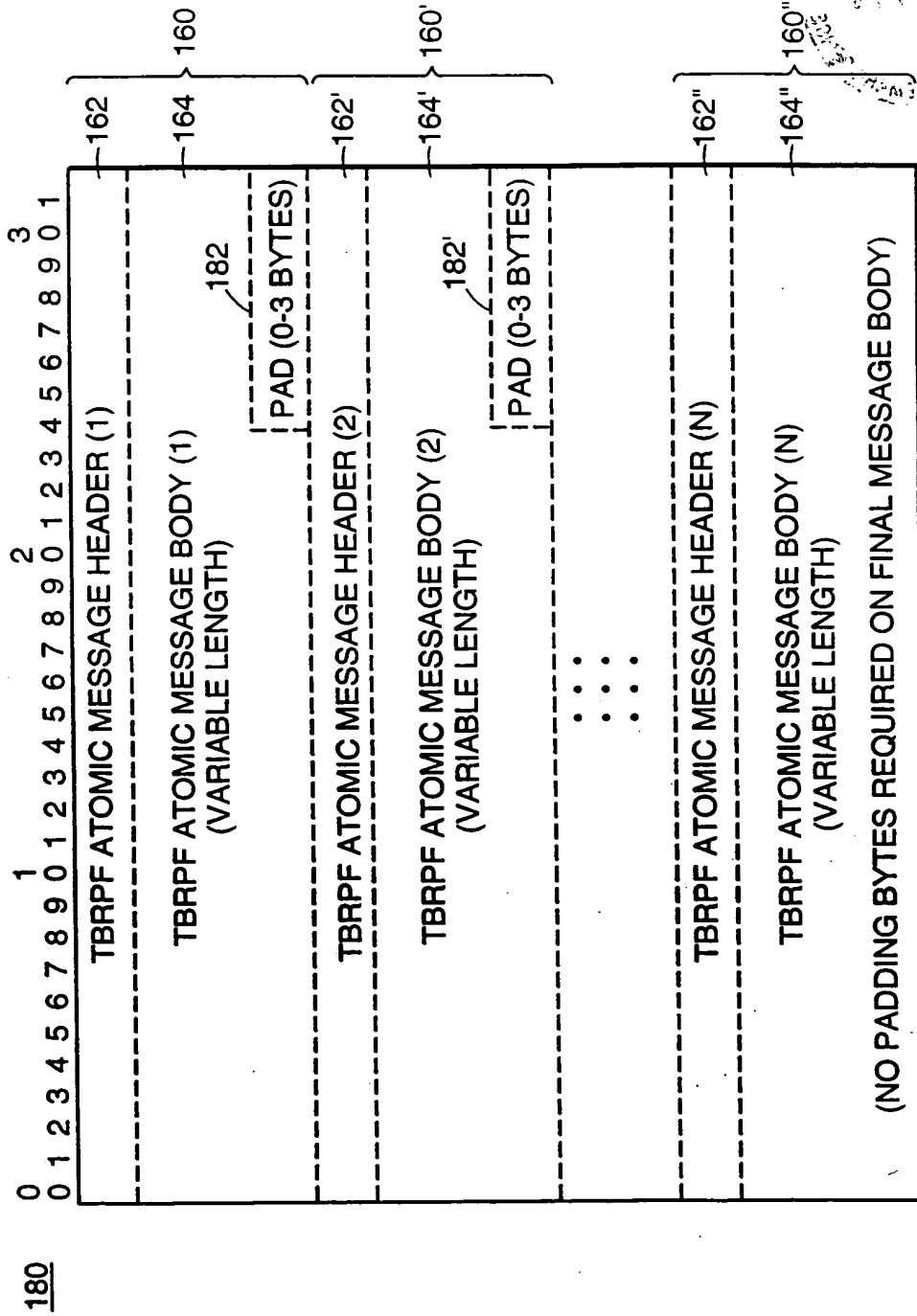
6/20



TBRPF MESSAGE HEADER

FIG. 6

7/20



8/20



186

0										1										2										3									
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1								
IDENTITY FOR SRC(1)																														<u>188</u>									
IDENTITY FOR SRC(2)																														<u>188'</u>									
...																																							
IDENTITY FOR SRC(M)																														<u>188"</u>									
SEQUENCE NUMBER FOR SRC (1)															SEQUENCE NUMBER FOR SRC (2)																								
SEQUENCE NUMBER FOR SRC (3)															SEQUENCE NUMBER FOR SRC (4)																								
...																																							
SEQUENCE NUMBER FOR SRC (M-1)															SEQUENCE NUMBER FOR SRC (M)																								

NEW PARENT MESSAGE

FIG. 8A

192

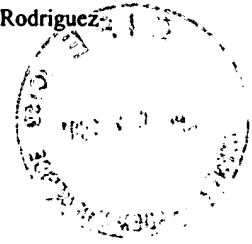
SEQUENCE NUMBER FOR SRC (M-2)														SEQUENCE NUMBER FOR SRC (M-1)															
SEQUENCE NUMBER FOR SRC (M)																													

SHOWS AN ALTERNATIVE ENDING THE NEW PARENT MESSAGE

FIG. 8B

FIG. 8A

9/20



																																																																																																<u>194</u>
0									1									2									3																																																																					
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1																																																																	
										IDENTITY FOR SRC(1)																																<u>196</u>																																																						
										IDENTITY FOR SRC(2)																																<u>196'</u>																																																						
										...																																																																																						
										IDENTITY FOR SRC(M)																																<u>196''</u>																																																						

CANCEL_PARENT MESSAGE

FIG. 9

09-06-2017

10/20



102240-26732750

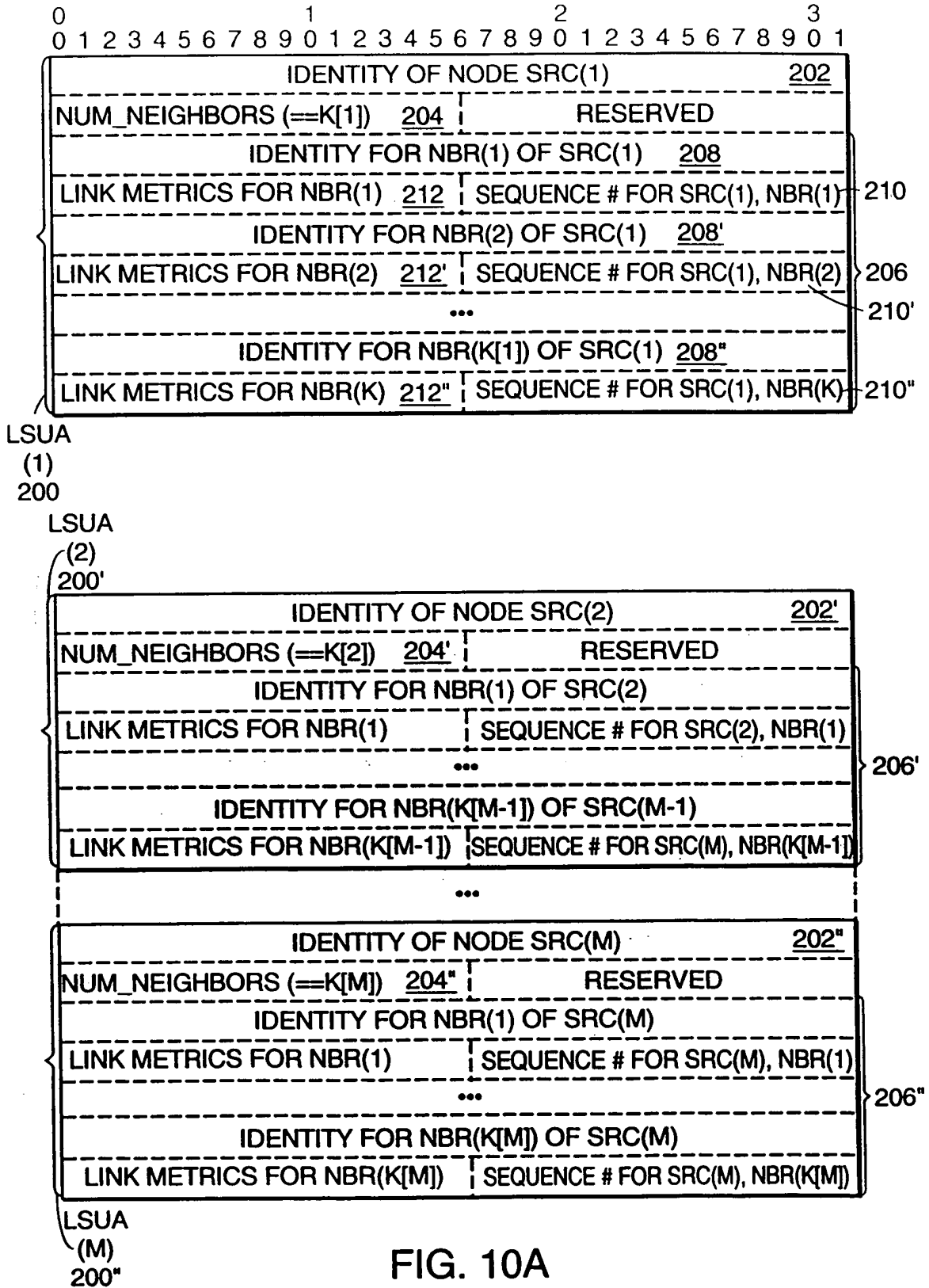
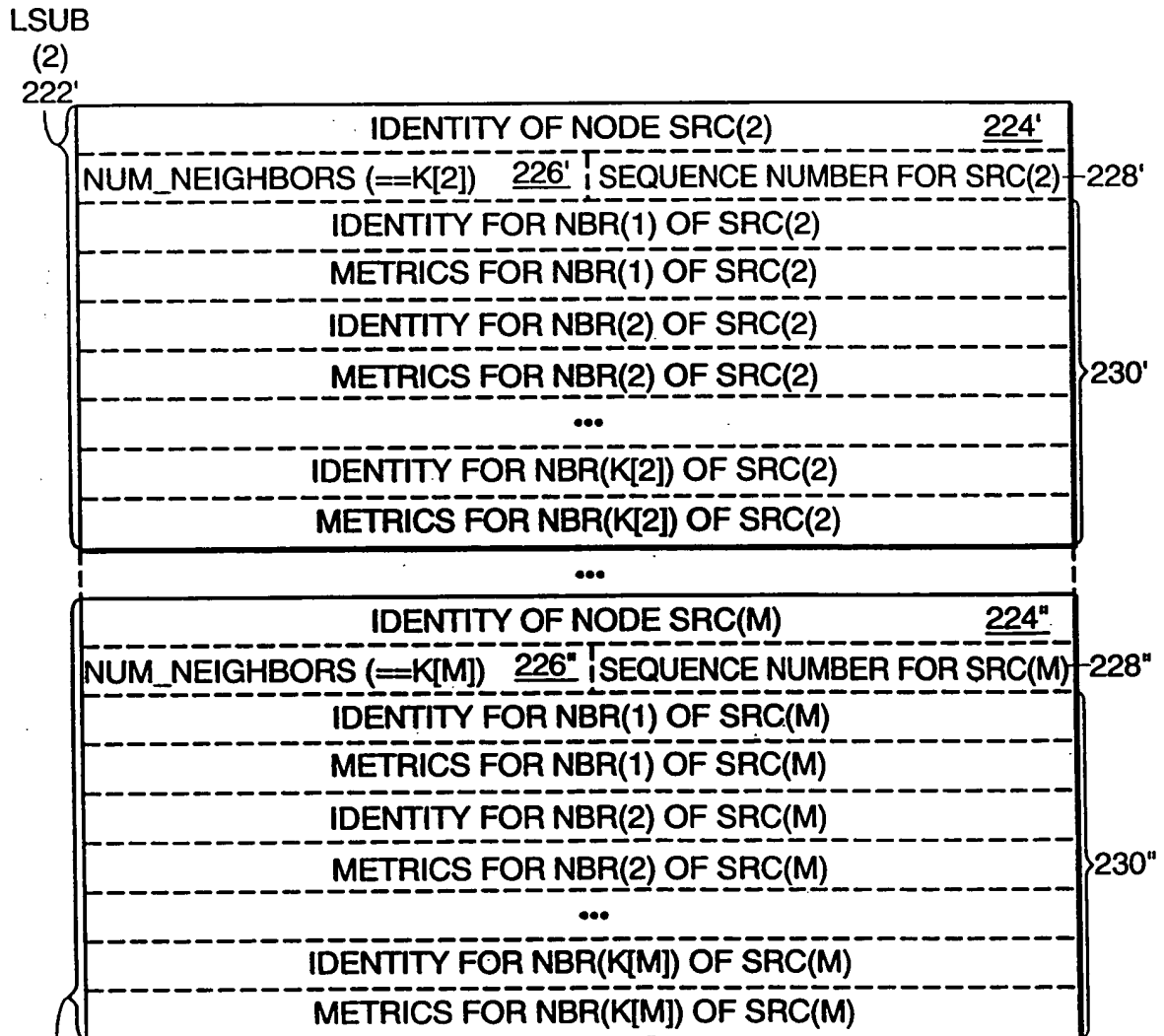
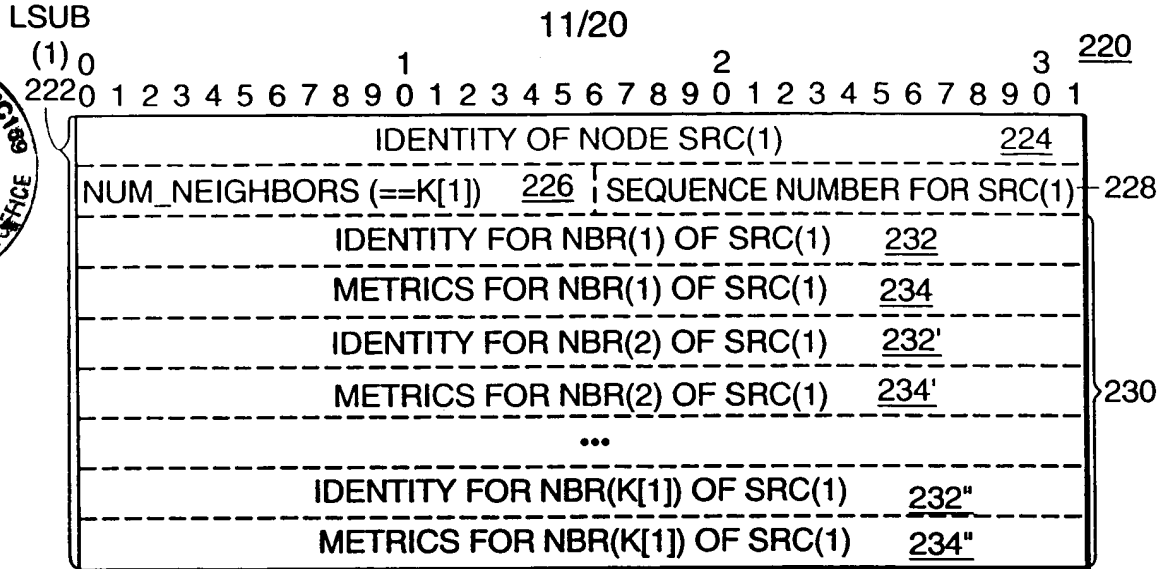


FIG. 10A

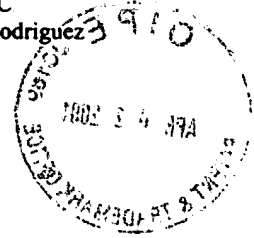


LSUB (M) 222"

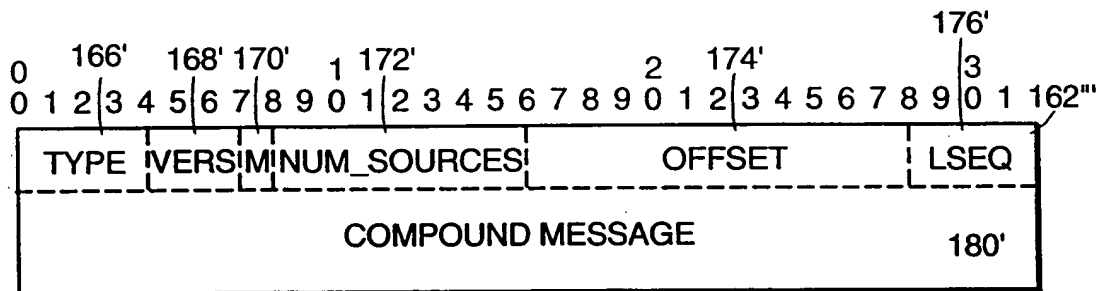
FIG. 10B

FIG. 10B 2673260

12/20



240



RETRANSMISSION_OF_BROADCAST MESSAGE

FIG. 11

FO2040-26F3260

13/20



250

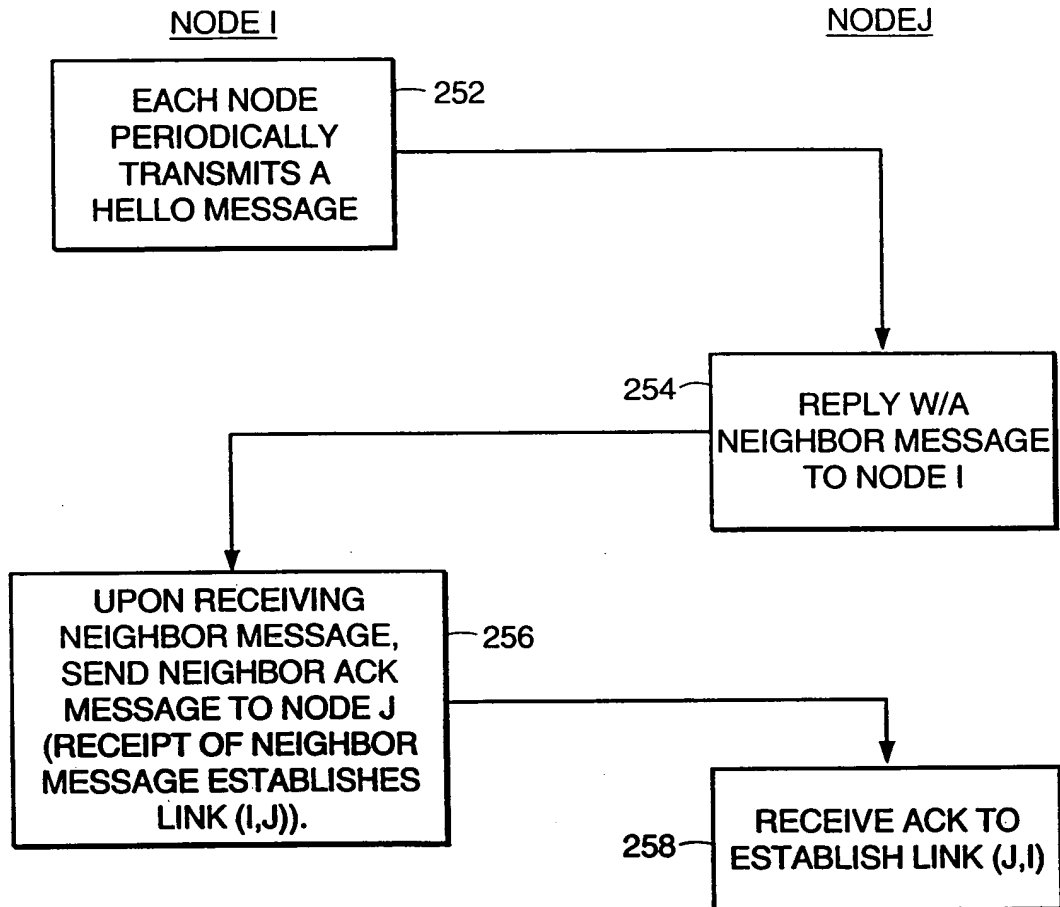


FIG. 12

037261-04001



260

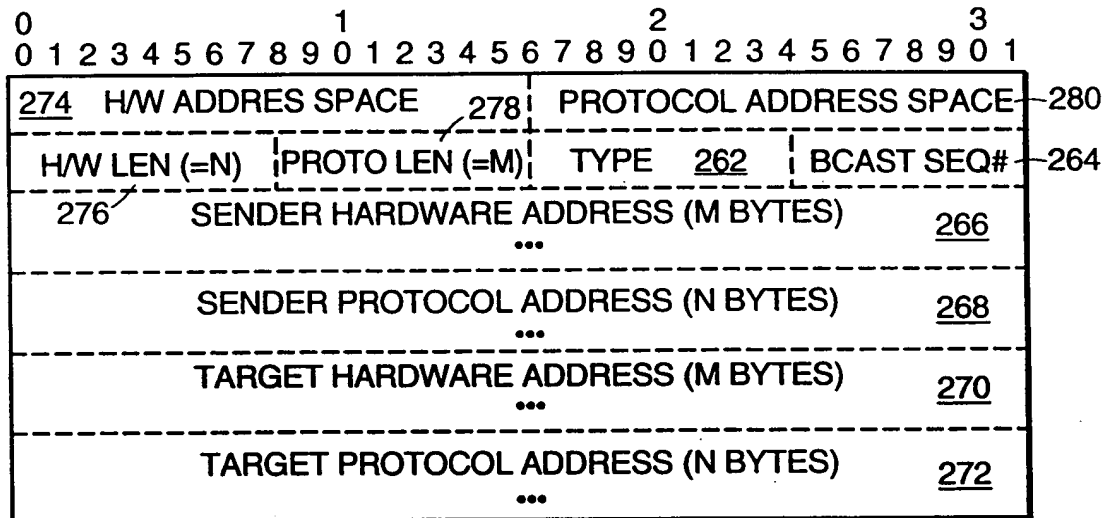


FIG. 13

0928192-04001

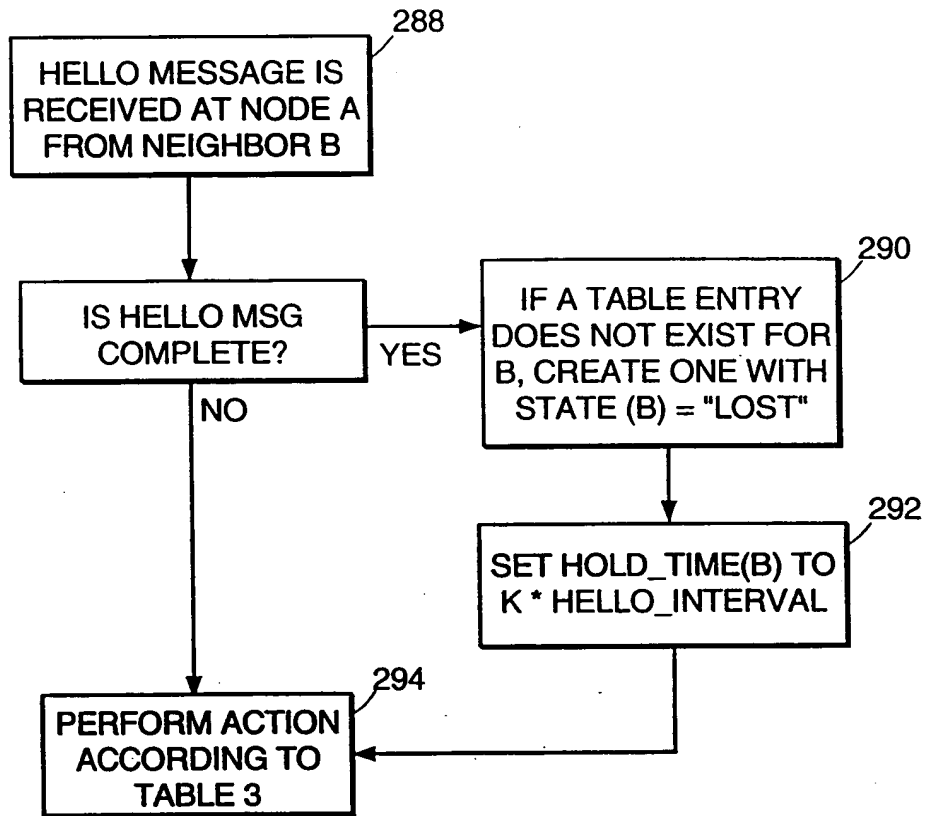


FIG. 14

FIG. 14

16/20

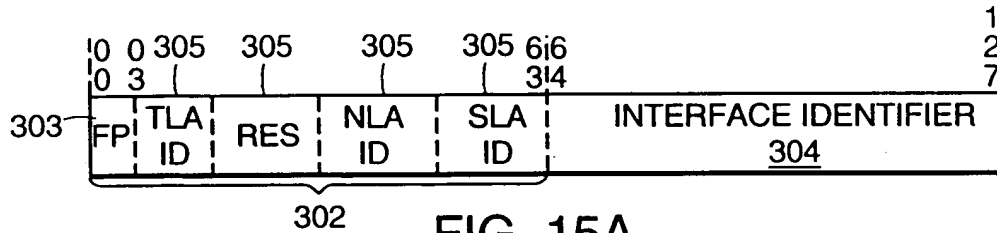
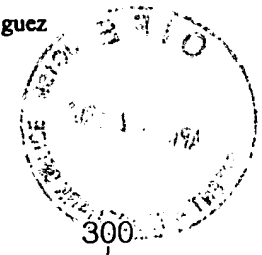


FIG. 15A
IPv6-IPv4 COMPATIBILITY ADDRESS FORMAT

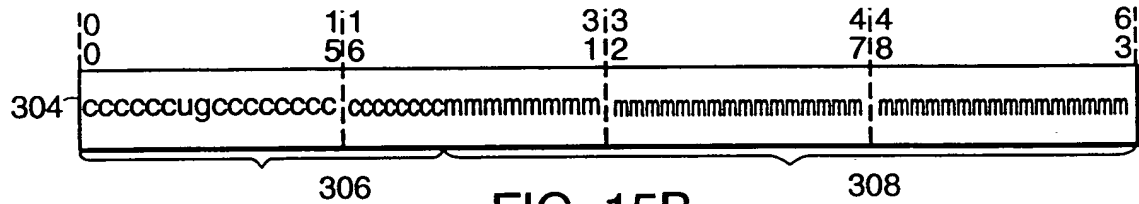


FIG. 15B
INTERFACE IDENTIFIER FORMAT

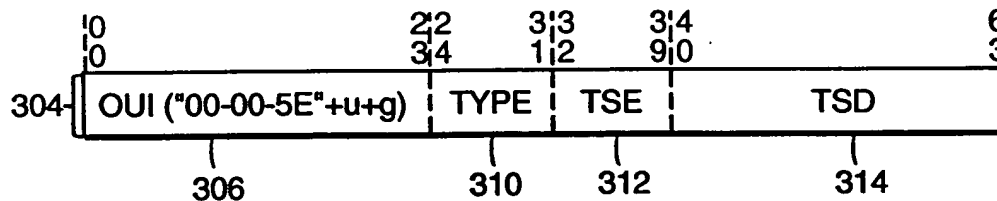


FIG. 15C
INTERFACE IDENTIFIER FORMAT FOR IANA

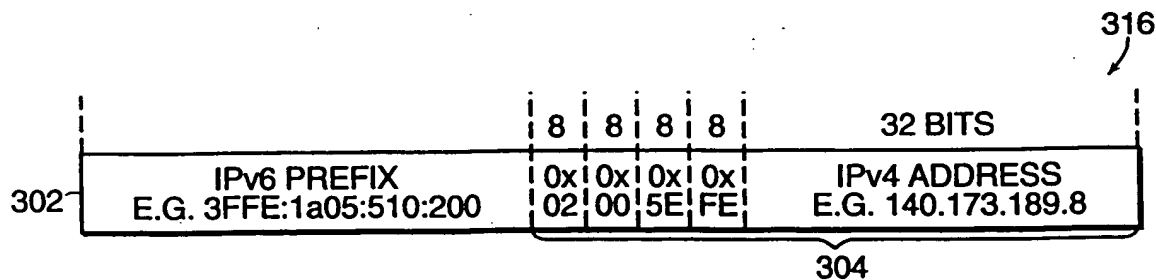
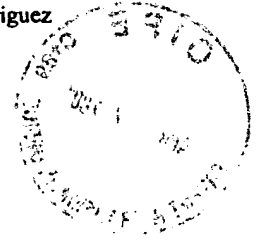


FIG. 15D
IPv6-IPv4 COMPATIBILITY ADDRESS

FIG. 15A: IPv6-IPv4 COMPATIBILITY ADDRESS FORMAT

17/20



320

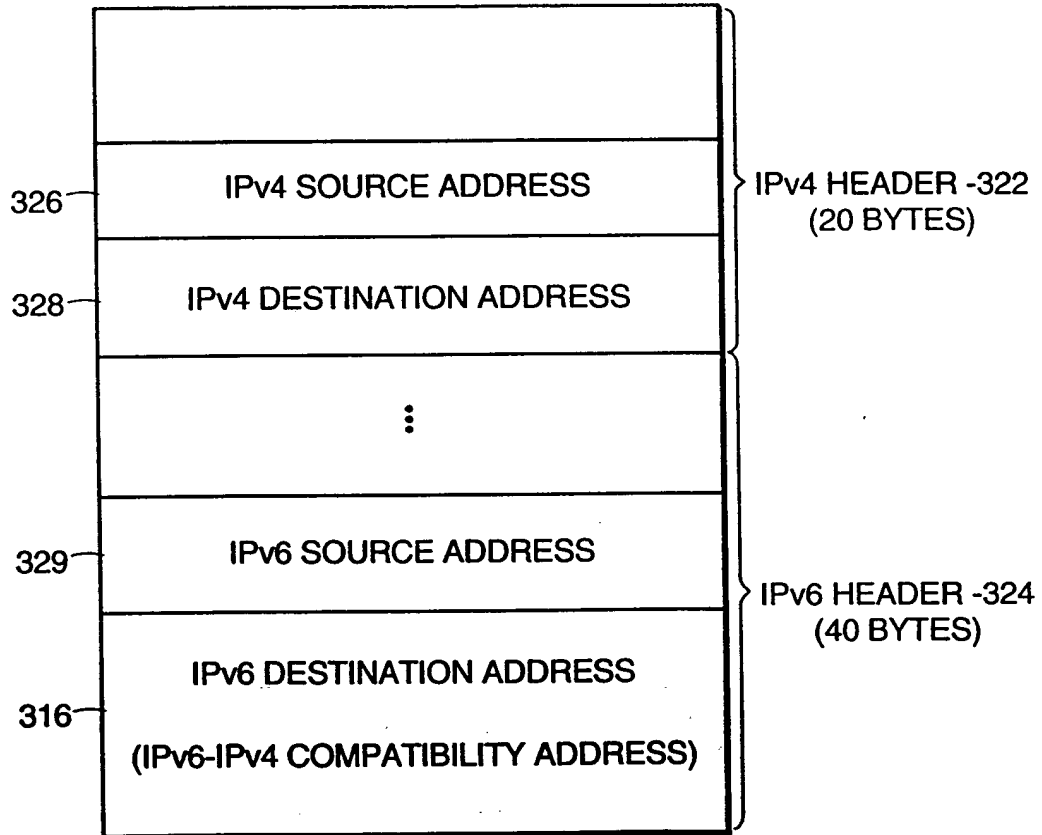


FIG. 15E

18/20

330

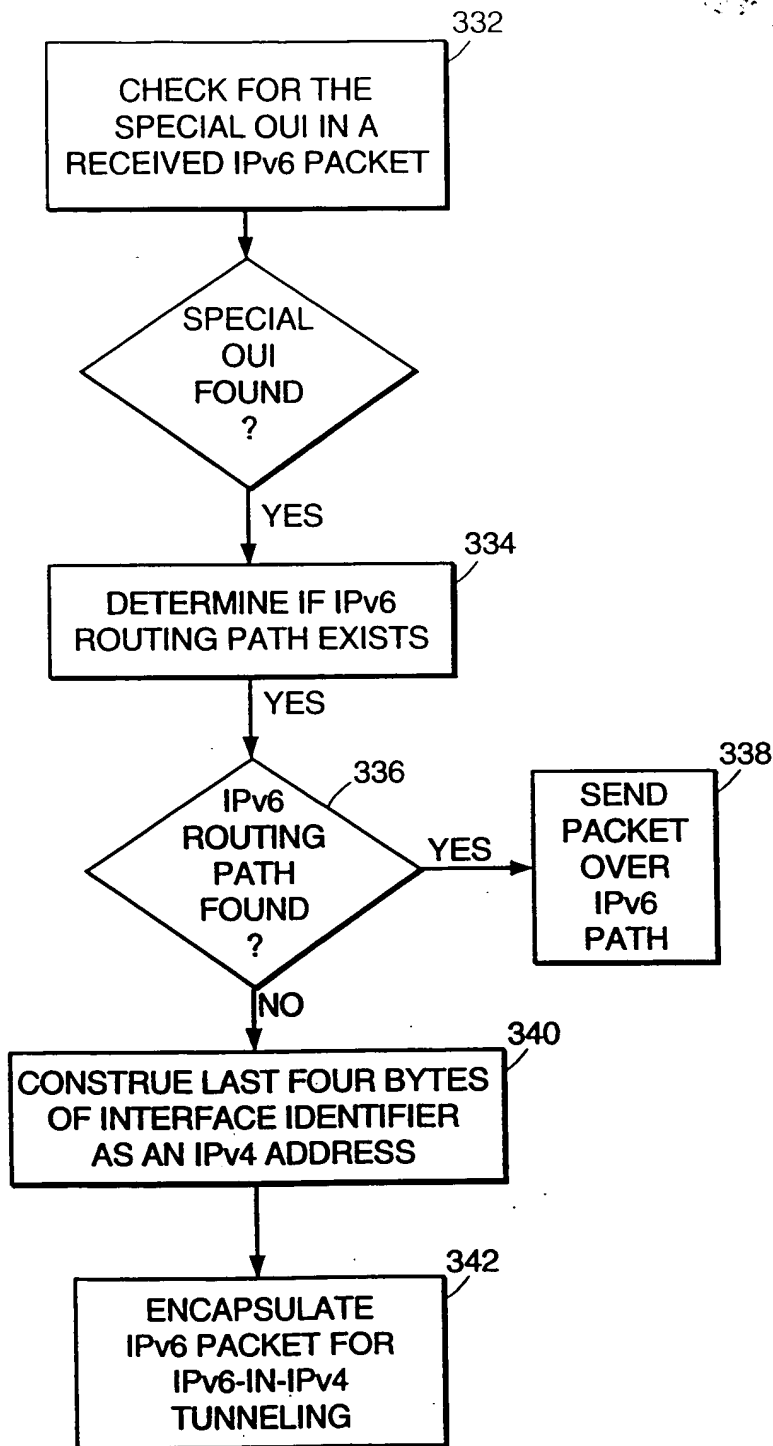


FIG. 16

109236192.040201

19/20

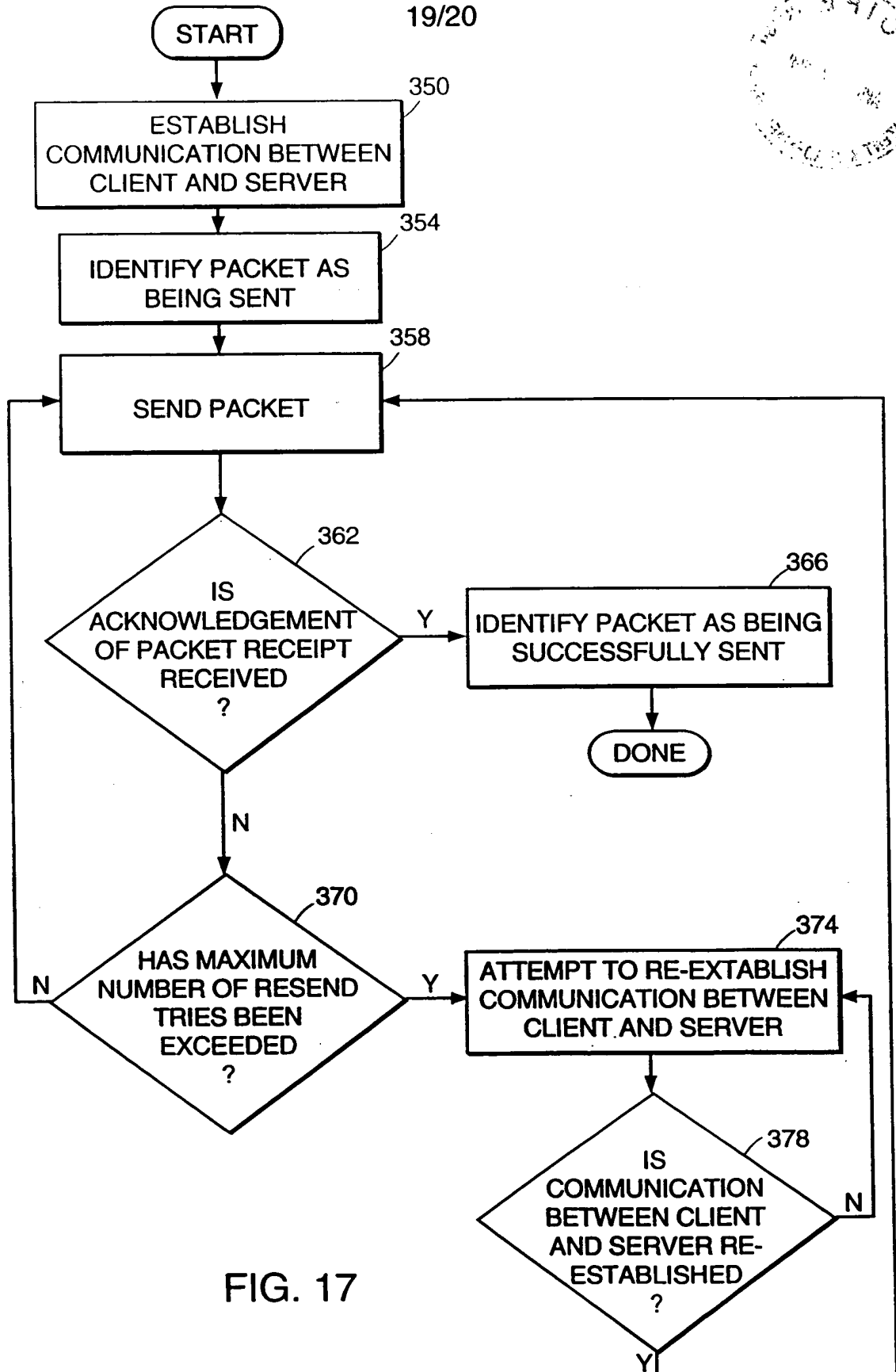


FIG. 17

FIG. 17

20/20

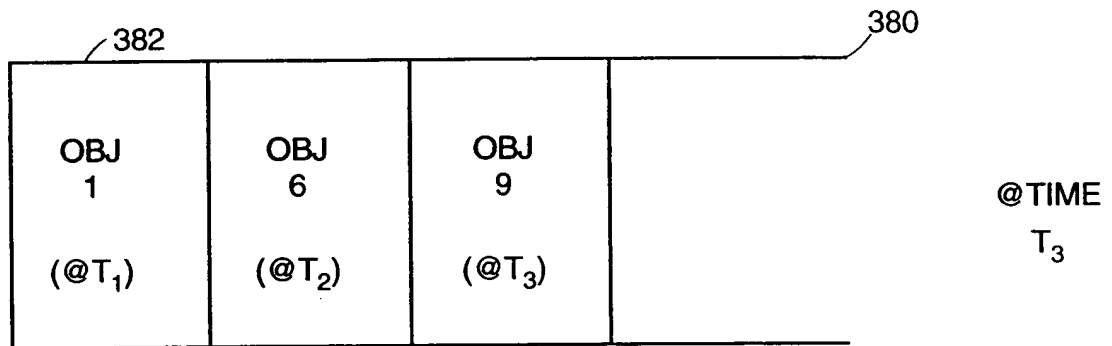


FIG. 18A

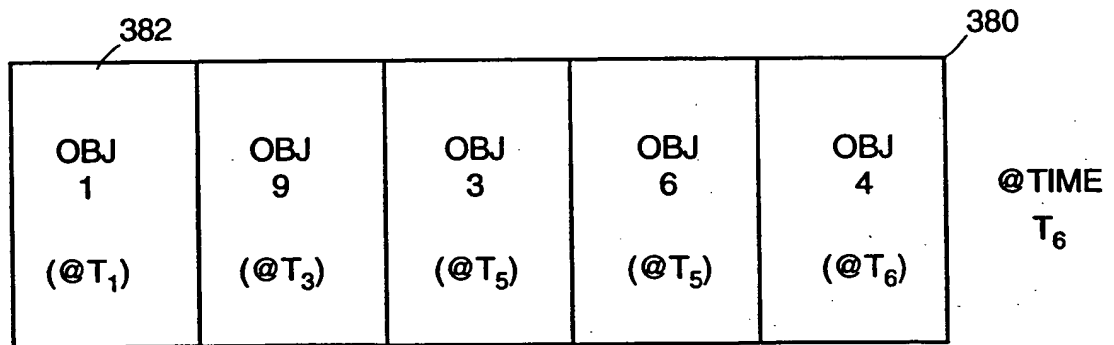


FIG. 18B

FIG. 18A Reduced-Overhead Protocol For Discovering
New Neighbor Nodes And Detecting The Loss Of
Existing Neighbor Nodes In A Network
Inventor: Jgier
Ser. No. 09/728,192
Atty Docket No. SRI-009C
Atty/Agent: Michael A. Rodriguez